

VIII. CLAIMS

What is claimed is:

1. A computerized system for coding words and symbols, comprising:
 - A) computer means having associated storage means;
 - B) a first indexed database having a first field containing codes for a plurality of unique meaning elements and a second field of words or symbols that correspond in meaning to each of said unique meaning element, further including means for classifying said meaning elements in one of a predetermined number of classes, said first indexed database residing in said storage means;
 - C) input means for entering words and symbols in said computer means;
 - D) coding software means for selecting one of said meaning elements for each of the words or symbols entered through said input means including means for determining whether the word or symbol entered validates a unique meaning element and if said word or symbol does have only one meaning element, producing a resulting code, and further including means for displaying a selection of meaning elements if said word or symbol entered validates more than one meaning

element, and further including means for detecting one meaning element by a user from said displayed selection of validated meaning elements for producing a resulting meaning code; and

E) output means for storing said resulting meaning code.

2. The computerized system set forth in claim 1, wherein said first indexed database includes a plurality of second fields, each second field is associated with one language having at least one word or symbol that corresponds in meaning to each of said meaning elements.

3. The computerized system set forth in claim 2 further including:

F) a second indexed database having a third field containing codes for a plurality of grammatical structural units and a plurality of fourth fields, each fourth field including a predetermined number of grammatical structural units in a language, each of said grammatical structural units in each of said fourth field being correlated with only one of second grammatical structural units in the other fourth fields, said grammatical structural units being classified in accordance with the sequences of the classes of said meaning elements present in each of said grammatical structural units;

G) means for identifying sequences of the classes of said resulting meaning codes and correlating said sequences of classes

implicit in said meaning codes with one of said grammatical structural units and producing a resulting grammatical structural code; and

H) output means for storing said resulting grammatical structural code.

4. The computerized system set forth in claim 1, further including:

I) decoding software means for selecting one of said resulting meaning codes and cross-referencing each of said resulting meaning codes to a unique word or symbol; and

J) output means for storing said words or symbols.

5. The computerized system set forth in claim 4, wherein said first indexed database includes a plurality of second fields, each second field is associated with one language having at least one word or symbol that corresponds in meaning to each of said meaning elements.

6. The computerized system set forth in claim 5 further including:

F) a second indexed database having a plurality of third fields, each third field including a predetermined number of grammatical structural units in a language, each of said grammatical structural units in a third field being correlated with only one of said grammatical structural units in the other

third fields, said grammatical structural units being classified in accordance with the sequences of the classes of said meaning elements present in each of said grammatical structural units;

- G) means for identifying sequences of the classes of said resulting meaning codes and correlating said sequences of classes implicit in said meaning codes with one of said grammatical structural units and producing a resulting grammatical structural code; and
- I) output means for storing said resulting grammatical structural code.
- K) means for identifying said resulting grammatical structural unit codes with a unique sequence of classes of resulting meaning elements;
- L) means for assembling said unique words or symbols in one of said unique sequences of classes of resulting meaning elements; and
- M) output means for storing said sequences of unique words or symbols.

7. A method for coding word and symbols, comprising the steps of :

- A) arranging a plurality of unique meaning elements in a first field of a first indexed database;
 - B) arranging a corresponding plurality of words or symbols in a second field of said first indexed database;
 - C) grouping said meaning elements in one of a plurality of classes;
 - D) entering words or symbols in a computerized system selecting a meaning element for each of said word or symbol entered;
 - E) determining whether each of said words or symbols validate a unique meaning element;
 - F) determining all unique meaning element for words or symbols entered having more than one unique meaning element and validating one of said unique meaning element;
 - G) selecting a unique meaning element for validated words or symbols producing a resulting code; and
 - H) storing said resulting meaning code.
8. The method set forth in claim 7, further including the steps of:
- I) arranging a predetermined numbers of second fields, one second field for each language, and each second field having at

least one word or symbol that corresponds in meaning to each of said meaning elements.

9. The method set forth in claim 7, further including the steps of:
- J) arranging a plurality of grammatical structural units in each of a predetermined number of third fields in a second indexed database and of said grammatical structural unit characterized by having a unique sequence of classes of meaning elements, each third field associated with a different language, and each of said grammatical structural units in each of said third fields referenced to other units in other third field and commonly identified with a grammatical structural unit code.
 - K) identifying sequences of classes of said resulting meaning codes and correlating said sequences with one of said grammatical structural units a said third fields; and
 - L) storing said resulting grammatical code.
10. The method set forth in claim 7, further including the steps of:
- M) entering said resulting codes in a computerized system;
 - N) selecting each of said resulting codes and cross-referencing them to a unique word or symbol; and
 - O) storing said words or symbols.

11. The method set forth in claim 10, further including the steps of:

P) arranging a predetermined number of second fields, one second field for each language, and each second field having at least one word or symbol that corresponds in meaning to each of said meaning elements.

12. The method set forth in claim 11, further including the steps of:

J) arranging a plurality of grammatical structural units in each of a predetermined number of third fields in a second indexed database and of said grammatical structural unit characterized by having a unique sequence of classes of meaning elements, each third field associated with a different language, and each of said grammatical structural units in each of said third fields referenced to other units in other third field and commonly identified with a grammatical structural unit code.

K) identifying sequences of classes of said resulting meaning codes and correlating said sequences with one of said grammatical structural units a said third fields;

L) storing said resulting grammatical code;

Q) identifying said resulting grammatical structural unit codes with a unique sequence of classes of resulting meaning elements;

- R) assembling said unique words or symbols in one of said unique sequences of classes of resulting meaning elements; and
- S) storing said sequences of unique words or symbols.

FOOTNOTES